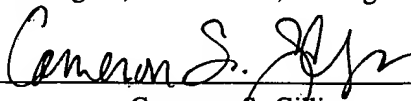
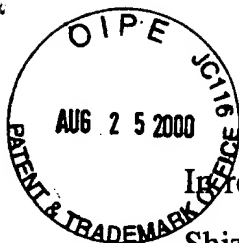


**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on August 23, 2000.

  
Cameron S. Gilligan



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Is the PATENT application of )  
Shizuo SUMIDA et al. )  
Serial No. 09/551,867 ) Art Unit:  
Filed: April 18, 2000 ) Examiner:  
For: NON-LINEAR CHARACTERISTIC )  
REPRODUCING APPARATUS AND )  
NON-LINEAR CHARACTERISTIC )  
REPRODUCING PROGRAM STORAGE )  
MEDIUM ) Date: July 20, 2000

**SUPPLEMENT TO PRIOR**

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the references listed on the attached Form PTO-1449 be made of record in the above-identified application.

Supplemental to the Information Disclosure Statement filed July 21, 2000, Applicants submit herewith a full English translation of article by Sumida et al., entitled *Modeling for Functional Expression of Rotary Apparatus (1<sup>st</sup> Report, Clutch and Brake)*.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 19-2380.

A copy of the reference cited herein is submitted herewith in accordance with 37 C.F.R. 1.98(a).



Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jeffrey L. Costellia", written over a horizontal line.

Jeffrey L. Costellia  
Registration No. 35,483

NIXON PEABODY LLP  
8180 Greensboro Drive, Suite 800  
McLean, Virginia 22102  
(703) 790-9110  
(703) 883-0370 (FAX)

Form PTO-1449  
(Rev. 8-83)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 3411-4

Serial No. 09/551,867

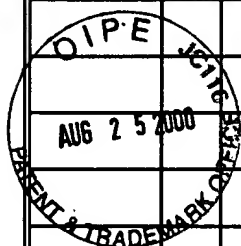
**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant: Shizuo SUMIDA et al.

Filing Date: April 18, 2000

Group:

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)Sumida et al., "Modeling for Functional Expression of Rotary Apparatus (1<sup>st</sup> Report, Clutch and Brake)", Vol. 65, No. 635, (1999), pp. 1-8 (*with Full English Translation*)

Examiner

Date Considered

**\*EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Submitted with IDS of August 23, 2000